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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

ROBINSON, MYLES D

ART UNIT

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2625

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/799,683	<b>Applicant(s)</b> HONMA, MIKIMASA	
	<b>Examiner</b> Myles D. Robinson	<b>Art Unit</b> 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 29 June 2009.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1, 3, 6 - 9, 11 and 12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 3, 6 - 9, 11 and 12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 June 2009 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                       | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>6/29/2009</u> .   | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### *Response to Amendment*

1. Applicant's amendment was received on 6/29/2009, and has been entered and made of record. Currently, **claims 1, 3, 6 – 9, 11 and 12** are pending.

### *Response to Arguments*

2. Applicant's arguments (*see Remarks 6/29/2009*) have been fully considered but they are not persuasive.

Regarding **claim 1**, the Applicant argues that **Goodman et al.** (U.S. Patent No. 7,020,697) in view of **MacKay** (U.S. Patent No. 5,718,520) does not disclose, teach or suggest editing a job ticket in an image forming device (*see Remarks 6/29/2009 [page 19]*).

However, MacKay does disclose an image forming device including an operation section (*see Figs. 2 and 6 wherein UI 52 allows the user to program Job Ticket 150*) for editing of a job ticket associated with the job (*see Figs. 7 – 9 wherein the user interfaces with arrangements of multiple different jobs 156 [e.g. JOB 1, JOB 2, ... JOB N] as organized within job file 155 and print queue 165 via touchscreen 62 and see Figs. 11 – 13 wherein multiple different jobs 156 are user-created and user-edited*).

3. Regarding **claim 1**, the Applicant argues that Goodman in view of MacKay does not disclose, teach or suggest a control section preventing the operating station from editing the job ticket stored in the second job ticket storing area yet allows the remote

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operation apparatus to edit the job ticket stored in the second job ticket storing area  
(see *Remarks 6/29/2009 [pages 19 – 20]*).

However, Goodman does disclose a first and second job ticket storing areas (see *Figs. 5 and 7 wherein information service 64 stores documents locally and/or remotely such that one local storage and another remote storage are two distinctly separate storage areas*) as well as a control section preventing the operating station from editing the job ticket stored in the second job ticket storing area yet allows the remote operation apparatus to edit the job ticket stored in the second job ticket storing area (see *Fig. 7 wherein document security systems 168 only allows documents to be accessed exclusively through the document management backbone in such a way that document management access control services include check-in/check-out services to limit concurrent editing, which is analogous to the functionality of record locking [i.e. preventing two users from editing the same data (concurrency control)] [column 77, lines 25 – 34 and column 81, lines 5 – 20]*).

In response to applicant's argument that the intended use to prevention and allowance of editing a job ticket, a recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention from the prior art. If the prior art structure is capable of performing the intended use, then it meets the claim.

4. Regarding **claim 1**, the Applicant argues that Goodman in view of MacKay does not disclose, teach or suggest a control section controlling the read/write access of the

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first and second job ticket storing areas in cases of a request for editing the job ticket or a request for saving the job ticket when either are received from the remote operation apparatus (see *Remarks 6/30/209 [page 20]*).

However, Goodman does disclose the control section controlling the image forming apparatus, when a request for editing a job is received from the remote operation apparatus (see *Figs. 4 – 6 wherein presentation services 62 utilize web browsers on clients 78, 79, 120 which offer users a graphical user interface and wherein presentation services 62 also includes print services 138 for the creation and previewing and see Fig. 7 wherein document access services 170 supports document creation, maintenance and retrieval*), in such a way as to read out the job from the one job storing area, and write the read job into the another job storing area (see *Fig. 8 wherein communication services 66 enables applications to interact with other local applications as well as other remotely-located applications and comprises file transfer services 190 which enables applications to copy and receive files between devices of the netcentric computer system 10*), and

control the image forming apparatus, when a request for saving a job is received from the remote operation apparatus (see *Figs. 4 – 6 wherein presentation services 62 utilize web browsers on clients 78, 79, 120 which offer users a graphical user interface and wherein presentation services 62 also includes print services 138 for the creation and previewing of print jobs and see Fig. 7 wherein document access services 170 supports document creation, maintenance and retrieval*), in such a way as to read the job edited by the remote operation apparatus from the another job storing area, and

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write the read job edited by the remote operation apparatus into the one job storing area (see Fig. 8 wherein communication services 66 enables applications to interact with other local applications as well as other remotely-located applications and comprises file transfer services 190 which enables applications to copy and receive files between devices of the netcentric computer system 10).

Therefore, the Applicant's arguments regarding claim 1 are considered not persuasive. Please cite rationale of the grounds of rejection below for further explanation.

#### ***Information Disclosure Statement***

5. The information disclosure statement (IDS) submitted on 6/29/2009 was filed after the mailing date of the non-final Office action on 3/31/2009. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

#### ***Drawings***

6. The drawings were received on 6/29/2009. These drawings are acceptable.

#### ***Specification***

7. The amendments to the title, abstract and specification were received on 6/29/2009. These amendments are acceptable.

***Claim Objections***

8. **Claim 9** is objected to because the punctuation makes the meaning of the claim unclear. The Examiner suggests removing the commas in the first claimed step (i.e. storing a job ticket) to make the meaning of the claim clearer.

***Claim Rejections - 35 USC § 103***

9. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

10. **Claims 1 – 12** are rejected under 35 U.S.C. 103(a) as being unpatentable over **Goodman et al.** (U.S. Patent No. 7,020,697) in view of **MacKay** (U.S. Patent No. 5,718,520).

Referring to **claim 1**, Goodman discloses an image forming apparatus connected to a network, comprising:

an operation section (*see Figs. 4 – 5 wherein web browsers on clients 78, 79, 120 offer users a graphical interface [column 2, lines 45 – 55, column 70, lines 33 – 40 and 57 – 62]*) for editing a job specifying an output condition to output image data onto an output medium (*see Figs. 5 – 6 wherein presentation service 62 comprises report and print service 138 for creation and preview of documents, which contain graphics or image data for printing, by users whom can specify output conditions [column 73, line 53 – column 74, line 12] and see Figs. 5 and 8 wherein communication services 66 comprises printing services 226 [column 82, lines 6 – 9 and column 93, lines 32 – 47]*),

an interface section to communicate a remote operation apparatus through the network (see Figs. 4 – 5 wherein clients 78, 79, 120 are interconnected in netcentric computing system 10 such that client 78 is equivalent to an image forming apparatus and any one of the second clients 79, 120 are equivalent to a remote apparatus [column 70, lines 33 – 40, 57 – 62 and column 72, lines 14 – 21]),

a storage section having a first job storing area to store the job capable of being edited by the operation section, and a second job storing area to store the job capable of being edited by the remote operation apparatus (see Figs. 5 and 7 wherein information service 64 stores documents locally and/or remotely such that one local storage and another remote storage are two distinctly separate storage areas [column 76, lines 49 – 53]), and

a control section (see Figs. 5 and 7, information services 64 [column 76, lines 49 – 58]) configured to:

prevent the operating station from editing the job stored in the second job storing area (see Fig. 7 wherein document security systems 168 only allows documents to be accessed exclusively through the document management backbone in such a way that document management access control services include check-in/check-out services to limit concurrent editing, which is analogous to the functionality of record locking [i.e. preventing two users from editing the same data (concurrency control)] [column 77, lines 25 – 34 and column 81, lines 5 – 20]), and



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allow the remote operation apparatus to edit the job stored in the second job storing area (see Fig. 7, document access services 170 [column 78, lines 3 – 5 and column 81, lines 21 – 29]),

control the image forming apparatus, when a request for editing a job is received from the remote operation apparatus (see Figs. 4 – 6 wherein presentation services 62 utilize web browsers on clients 78, 79, 120 which offer users a graphical user interface [column 2, lines 45 – 55, column 70, lines 33 – 40, 57 – 62 and column 72, lines 26 – 33] and wherein presentation services 62 also includes print services 138 for the creation and previewing of print jobs [column 73, lines 53 – 61] and see Fig. 7 wherein document access services 170 supports document creation, maintenance and retrieval [column 78, lines 3 – 5 and column 81, lines 21 – 29]), in such a way as to read out the job from the one job storing area, and write the read job into the another job storing area (see Fig. 8 wherein communication services 66 enables applications to interact with other local applications as well as other remotely-located applications [column 82, lines 6 – 9 and column 83, lines 4 – 17] and comprises file transfer services 190 which enables applications to copy and receive files between devices of the netcentric computer system 10 [column 83, line 57 – column 84, line 7]), and

control the image forming apparatus, when a request for saving a job is received from the remote operation apparatus (see Figs. 4 – 6 wherein presentation services 62 utilize web browsers on clients 78, 79, 120 which offer users a graphical user interface [column 2, lines 45 – 55, column 70, lines 33 –

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40, 57 – 62 and column 72, lines 26 – 33] and wherein presentation services 62 also includes print services 138 for the creation and previewing of print jobs [column 73, lines 53 – 61] and see Fig. 7 wherein document access services 170 supports document creation, maintenance and retrieval [column 78, lines 3 – 5 and column 81, lines 21 – 29]), in such a way as to read the job edited by the remote operation apparatus from the another job storing area, and write the read job edited by the remote operation apparatus into the one job storing area (see Fig. 8 wherein communication services 66 enables applications to interact with other local applications as well as other remotely-located applications [column 82, lines 6 – 9 and column 83, lines 4 – 17] and comprises file transfer services 190 which enables applications to copy and receive files between devices of the netcentric computer system 10 [column 83, line 57 – column 84, line 7]).

However, Goodman does not explicitly disclose the apparatus further comprising the operation section for editing of a job ticket, which is associated with the job, which specifies the output condition to output image onto the output medium.

MacKay discloses the apparatus comprising:

an operation section (see Figs. 2 and 6 wherein UI 52 allows the user to program Job Ticket 150 [column 3, lines 6 – 9, column 5, lines 19 – 31 and column 6, lines 8 – 23]) for editing of a job ticket associated with the job (see Figs. 7 – 9 wherein the user interfaces with arrangements of multiple different jobs 156 [e.g. JOB 1, JOB 2,... JOB N] as organized within job file 155 and print queue 165 via touchscreen 62 [column 6, lines 30 – 54] and see Figs. 11 – 13 wherein multiple different jobs 156 are user-created

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*and user-edited [column 8, lines 13 – 21 and 37 – 45]) specifying an output condition (see Fig. 6 wherein job characteristics and attributes are the equivalent of specified output image data conditions [column 8, lines 21 – 27]) to output image data onto an output medium (see Fig. 2, paper supply 107 [column 4, lines 45 – 54]),*

*an interface section (see Fig. 2, processor 25c [column 4, lines 25 - 26] and see Fig. 10, network interface 172 [column 6, lines 55 – 64]) to communicate with a remote operation apparatus (see Fig. 10 wherein various apparatuses are associated with I/O apparatuses 176, print services 178, scan service 180 and FAX services 182 [column 3, lines 44 – 51, column 6, lines 23 – 29, column 7, line 21 – column 8, line 13]) through the network (see Fig. 2, network 5 [column 3, line 61 – column 4, line 3] and see Fig. 10, net 174),*

a storage section having a first job storing area to store the job capable of being edited by the operation section, and a second job storing area to store the job capable of being edited by the remote operation apparatus (see Figs. 7 and 11 wherein job ticket 150 are stored job file 155 in steps 202 – 208 [Abstract, column 6, lines 34 – 45 and column 8, lines 29 – 36], see Figs. 1 – 2 wherein image input section 4 has both remote and on-site image inputs which enables system 2 to provide a network printing system with remote input [column 3, lines 44 – 51] and see Fig. 11 wherein print jobs are edited steps 200 – 210 [column 8, lines 14 – 17 and 37 – 45]), and

*a control section (see Fig. 2, system control 54, printer system control 128 [column 4, line 62 – column 5, line 11]) configured to:*

allow editing of the job ticket stored in the (see *Figs. 7 – 9 wherein multiple different jobs 156 are arranged within job file 155 and print queue 165 [column 6, lines 30 – 54] and see Figs. 11 – 13 wherein multiple different jobs 156 are user-created and user-edited in steps 200 – 210 [column 8, lines 13 – 21 and 37 – 45]*).

Goodman and MacKay are combinable because they are from the same field of endeavor, being networked printing systems. At the time of the invention, it would have been obvious to one of ordinary skill in the art to include edition of one or more different print job tickets along with networked printing systems. The suggestion/motivation for doing so would have been to quickly and conveniently fix erroneous print attributes in job tickets, as suggested by MacKay (*column 2, lines 15 – 29 and column 10, lines 7 – 49*).

Referring to **claim 3**, Goodman discloses the apparatus further wherein the job ticket stored in the second job ticket storing area is capable of being edited only by the remote operation apparatus (*see Fig. 7 wherein security services 168 performs concurrency control by record locking [column 77, lines 25 – 33 and column 81, lines 10 – 17] in such a manner that priority is given to whichever user, whether local or remote, whom already has access to the document [i.e. first-come-first-serve] such that whichever user comes thereafter, no matter whether local or remote, is locked out*).

Referring to **claim 6**, MacKay disclose the apparatus further wherein the interface section is connected with a plurality of remote operation apparatus (*see Fig. 10 wherein various apparatuses are associated with I/O apparatuses 176, print services 178, scan service 180 and FAX services 182 [column 3, lines 44 – 51, column 6, lines*

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23 – 29, column 7, line 21 – column 8, line 13]), and the second job ticket storing area (see Fig. 2, main memory 56 [column 5, lines 32 – 46] and see Fig. 7, job file 144, printer queue 164) comprises:

a plurality of job ticket storing areas for storing the job ticket (see Fig. 7 wherein each different print jobs 156 [e.g. JOB 1, JOB 2,... JOB N] stored within either job file 144 or printer queue 164 is associated with a job ticket 150 [column 3, lines 6 – 9, column 6, lines 8 – 22] and see Fig. 11, steps 200 – 208 [column 8, lines 29 – 42]) capable of being edited by the plurality of remote operation apparatus (see Figs. 1 – 2 wherein image input section 4 has both remote and on-site image inputs which enables system 2 to provide a network printing system with remote input [column 3, lines 44 – 51] and see Fig. 11 wherein print jobs are edited steps 200 – 210 [column 8, lines 14 – 17 and 37 – 45]),

wherein the control section is configured to control the image forming apparatus to, when the control section receives the request for editing the job ticket, the job ticket being subjected to the edition into one of the plurality of job ticket storing areas from one of the plurality of remote operation apparatus (see Figs. 1 – 2 wherein image input section 4 has both remote and on-site image inputs which enables system 2 to provide a network printing system with remote input [column 3, lines 44 – 51] and see Fig. 11 wherein print jobs are edited steps 200 – 212 [column 8, lines 14 – 21 and 37 – 45]) but does not explicitly disclose the apparatus further wherein the control section is configured to write, to make it possible for the remote operation apparatus to exclusively edit the job ticket.

Goodman discloses the apparatus wherein the jobs are capable of being edited by a remote operation apparatus (see *Figs. 4 – 5 wherein web browsers on clients 78, 79, 120 offer users a graphical interface [column 2, lines 45 – 55, column 70, lines 33 – 40 and 57 – 62], see Figs. 5 – 6, presentation services 62 [column 72, lines 26 – 33] and see Fig. 7, document access services 170 [column 78, lines 3 – 5 and column 81, lines 21 – 29]*),

wherein the control section (see *Figs. 5 and 7, information services 64 [column 76, lines 49 – 58]*) is configured to write, to make it possible for the remote operation apparatus to exclusively edit the job (see *Fig. 7 wherein security services 168 performs concurrency control [column 77, lines 25 – 33 and column 81, lines 10 – 17]*).

Referring to **claim 7**, Goodman discloses the apparatus further wherein when the control section receives the request for editing the job ticket (see *Fig. 7, document access services 170 [column 78, lines 3 – 5 and column 81, lines 21 – 29]*) from said one of the plurality of remote operation apparatus (see *Figs. 4 – 5 wherein clients 78, 79, 120 are interconnected in netcentric computing system 10 such that client 78 is equivalent to an image forming apparatus and any one of the second clients 79, 120 is equivalent to a remote apparatus [column 70, lines 33 – 40, 57 – 62 and column 72, lines 14 – 21]*), the control section transmits identification information to identify the job ticket being subjected to the editing to said one of the plurality of the remote operation apparatus (see *Fig. 7 wherein document access services 170 supports document retrieval such that identification information uniquely associated with each document is*

*necessary in order to properly implement document retrieval, and therefore, identification information associated with each job ticket is inherently disclosed).*

Referring to **claim 8**, Goodman discloses the apparatus further wherein in a case where each of the plurality of job ticket storing areas is filled with the job ticket when the control section receives the request for editing the job ticket from said one of the plurality of remote operation apparatus (see Fig. 7 wherein security service 168 performs concurrency control by record locking [column 77, lines 25 – 33 and column 81, lines 10 – 17] in such a manner that priority is given to whichever user, whether local or remote, already has access to the document [i.e. first-come-first-serve] such that whichever user comes thereafter, no matter whether local or remote, is locked out), the control section notifies said one of the plurality of the remote operation apparatus that the request editing of the job ticket is impossible (see Fig. 38 wherein monitoring component 832 notifies users of clients 78, 79, 120, whether by one-way or two-way communications, of events and faults within the system [column 121, line 16 – column 122, line 7 and column 123, lines 25 – 35 and 46 – 53]).

Also, MacKay discloses fault message notification when editing job tickets (see Figs. 7 – 9 and 15 [column 10, lines 37 – 40]).

Referring to **claim 9**, the rationale provided in the rejection of claim 1 is incorporated herein. In addition, the apparatus of claim 1 performs the method of claim 9.

Referring to **claims 11 and 12**, the rationale provided in the rejections of claims 6 and 7, respectively, are incorporated herein. In addition, the apparatuses of claims 6 and 7 perform the methods of claims 11 and 12, respectively.

### ***Conclusion***

11. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Myles D. Robinson whose telephone number is (571)272-5944. The examiner can normally be reached on M-F 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler L. Haskins can be reached on (571) 272-7406. The fax phone



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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Myles D. Robinson/  
Examiner, Art Unit 2625  
11/5/09

/Twyler L. Haskins/  
Supervisory Patent Examiner, Art Unit 2625